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FORM PTO-1449

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
2068.0030000APPLICATION NO.
10/089,517APPLICANT
Stephen Ian MANN§ 371 DATE
April 2, 2003GROUP
3662

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
S.T.	AA1	5,381,108	01/1995	Whitmarsh <i>et al.</i>			
S.T.	AB1	5,420,536	05/1995	Faulkner <i>et al.</i>			
	AC1						
	AD1						
	AE1						
	AF1						
	AG1						
	AH1						
	AI1						
	AJ1						
	AK1						

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JUL 08 2003

GROUP 3600

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
S.T.	AL1	2 283 629 A	05/1995	United Kingdom	H03F	1/32	Yes No
S.T.	AM1	WO 96/15596	05/1996	PCT	H04B	1/52	Yes No
S.T.	AN1	WO 99/14859	03/1999	PCT	H03L	7/197	Yes No
	AO1						Yes No
	AP1						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

S.T.	AR	1	Dúcar, P.G. <i>et al.</i> , "Digital Cartesian Loop Transmitter," <i>University of Zaragoza - Electronics Engineering and Communications Dept.</i> , IST Mobile Communication Summit 2001, Barcelona Spain, September 9-12, 2001, 6 pages.
S.T.	AS	1	Muhonen, K. and Kavehrad, Dr. M., "Amplifier Linearization for the Local Multipoint Distribution System Application," <i>The Pennsylvania State University Department of Electrical Engineering</i> , IEEE Personal Mobile, Indoor, and Radio Communication Conference, Boston, MA, September 1998, IEEE, pages 687-692.
S.T.	AT	1	Copy of International Search Report for Appln. No. PCT/NZ02/00023, issued April 15, 2002, 3 pages.

SONNY TRINH

EXAMINER

PRIMARY EXAMINER

DATE CONSIDERED

8/22/04

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Stephen Ian MANN§ 371 DATE
April 2, 2003GROUP
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA2						
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	AK2						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2						Yes No
	AM2						Yes No
	AN2						Yes No
	AO2						Yes No
	AP2						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

S.T.	AR	2	Copy of Supplementary European Search Report for Appln. No. EP 00 97 0330, February 21, 2003 (date of completion of search), 3 pages.
S.T.	AS	2	Copy of Supplementary Partial European Search Report for Appln. No. EP 00 97 0330, November 15, 2002 (date of completion of search), 4 pages.
	AT	2	<div>RECEIVED JUL 08 2003 GROUP 3600</div>

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DATE CONSIDERED

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 2068.0030000	APPLICATION NO. 10/089,517
	APPLICANT Stephen Ian MANN	
	\$371 DATE April 2, 2003	GROUP To Be Assigned

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MAY 8 2003
GROUP 3600

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
S.T.	AA1	5,251,330	10/05/1993	Chiba et al.			
	AB1	5,351,016	09/27/1994	Dent			
	AC1	5,705,959	01/06/1998	O'Loughlin			
	AD1	5,847,602	12/08/1998	Su			
	AE1	5,886,572	03/23/1999	Myers et al.			
S.T.	AF1	6,043,707	03/28/2000	Budnik			
	AG1						
	AH1						
	AI1						
	AJ1						
	AK1						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
S.T.	AL1	WO 99/05783	02/1999	PCT	H03F	1/02	Yes No
S.T.	AM1	WO 99/54994	10/1999	PCT	H03G H03F	1/00 3/191	Yes No
S.T.	AN1	EP 0 360 178 A2	03/1990	Europe	H04L	27/20	Yes No
	AO1						Yes No
	AP1						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
S.T.	AR	1	International Search Report for Appln. No. PCT/NZ00/00189, issued January 11, 2001, 4 Pages.
S.T.	AS	1	Arthanayake, T. and Wood, H.B., "Linear Amplification Using Envelope Feedback", <i>Electronics Letters</i> , April 8, 1971, Vol. 7, No. 7, pp. 145-146.
S.T.	AT	1	Cardinal, J-S. and Ghannouchi, F.M., "A New Adaptive Double Envelop Feedback (ADEP) Linearizer for Mobile Radio Power Amplifiers", <i>IEEE MTT-S Digest</i> , IEEE, 1994, pp. 573-576.

EXAMINER SONNY TRINH PRIMARY EXAMINER	DATE CONSIDERED 8/27/04
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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
2068.0030000

APPLICATION NO.

APPLICANT
Stephen Ian MANN\$371 DATE
April 2, 2003GROUP 082003
1000 Assignee**RECEIVED**
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA2						
	AB2						
	AC2						
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	AF2						
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	AI2						
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	AK2						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL2						Yes No
	AM2						Yes No
	AN2						Yes No
	AO2						Yes No
	AP2						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

S.T.	AR	2	Chiba, K. et al., "Linearized Saturation Amplifier with Bidirectional Control (LSA-BC) for Digital Mobile Radio", <i>IEEE GLOBECOM 1990 Conference</i> , IEEE, pp. 1958-1962.
S.T.	AS	2	Kahn, L.R., "Comparison of Linear Single-Sideband Transmitters with Envelope Elimination and Restoration Single-Sideband Transmitters", <i>Proceedings of the IRE</i> , December 1956, pp. 1706-1712.
S.T.	AT	2	Koch, M.J. and Fisher, R.E., "A High Efficiency 835 MHz Linear Power Amplifier for Digital Cellular Telephony", <i>IEEE VTC</i> , IEEE, 1989, pp. 17-18.

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8/27/04

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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 2068.0030000	APPLICATION NO. 2004089,517
	APPLICANT Stephen Ian MANN	
	\$371 DATE April 2, 2003	

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	AGING DATE
	AA3						
	AB3						
	AC3						
	AD3						
	AE3						
	AF3						
	AG3						
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	AI3						
	AJ3						
	AK3						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL3						Yes No
	AM3						Yes No
	AN3						Yes No
	AO3						Yes No
	AP3						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

S.T.	AR	3	Lavrushenkov, V.G. et al., "The Features of Using Balanced Envelope Feedback in Power Amplifiers", Telecommunications and Radio Engineering, Vol. 44, No. 8, April 1989, pp. 98-100.
S.T.	AS	3	Perrott, M.H. et al., "A 27mW CMOS Fractional-N Synthesizer/Modulator IC", 1997 IEEE International Solid-State Circuits Conference, IEEE, pp. 366-367 and 487.
S.T.	AT	3	Petrovic, V. and Gosling, W., "Polar-Loop Transmitter", Electronics Letters, May 10, 1979, Vol. 15, No. 10, pp. 286-288.

EXAMINER SONNY TRINH PRIMARY EXAMINER S.T.	DATE CONSIDERED 8/27/04
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 2068.0030000		APPLICATION NO. 10/089,517	
				APPLICANT Stephen Ian MANN		GROUP To Be Ass. Class	
				\$371 DATE April 2, 2003		MAY 08 2003 GROUP 3800	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA4						
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	AG4						
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	AI4						
	AJ4						
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AL4						Yes No
	AM4						Yes No
	AN4						Yes No
	AO4						Yes No
	AP4						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
S.T.	AR	4	Petrovic, V. and Smith, C.N., "The Design of VHF SSB Polar-Loop Transmitters", <i>Proceedings of the Conference on Communications Equipment and Systems</i> , April 20-22, 1982, pp. 148-155.				
S.T.	AS	4	Raab, F.H. et al., "L-Band Transmitter Using Kahn EER Technique", <i>IEEE Transactions on Microwave Theory and Techniques</i> , IEEE, Vol. 46, No. 12, December 1998, pp. 2220-2225.				
S.T.	AT	4	Riley, T. and Copeland, M.A., "A Simplified Continuous Phase Modulator Technique", <i>IEEE Transactions on Circuits and Systems-II: Analog and Digital Signal Processing</i> , IEEE, Vol. 41, No. 5, May 1994, pp. 321-328.				
EXAMINER				SONNY TRINH PRIMARY EXAMINER S.T.		DATE CONSIDERED 8/27/04	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILED DATE
		AA5					
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
		AL5					Yes No
		AM5					Yes No
		AN5					Yes No
		AOS					Yes No
		AP5					Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

S.T.	AR	5	Sowlati, T., et al., "Linearized High Efficiency Class E Power Amplifier for Wireless Communications", IEEE 1996 Custom Integrated Circuits Conference, IEEE, pp. 201-204.
S.T.	AS	5	Sowlati, T. et al., "Linear Transmitter Design using High Efficiency Class E Power Amplifier", IEEE Personal Indoor and Mobile Radio Commission Symposium, IEEE, 1995, pp. 1233-1237.
S.T.	AT	5	Su, D. and McFarland, W., "An IC for Linearizing RF Power Amplifiers Using Envelope Elimination and Restoration", IEEE Journal of Solid-State Circuits, IEEE, Vol. 33, No. 12, December 1998, pp. 2252-2258.

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ARY EXAMINER

DATE CONSIDERED 8/27/04

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